Blukar K9125

Blukar LED Headlamp User Manual

Model: K9125

1. INTRODUCTION

Welcome to the user manual for your new Blukar LED Headlamp. This headlamp is designed for various activities, offering super bright illumination, multiple lighting modes, motion sensor control, and a durable, waterproof design. Please read this manual carefully to ensure proper use and maintenance of your device.

Figure 1: Blukar LED Headlamp 2-pack with charging cables.

2. SETUP

2.1 Unpacking

Before first use, ensure all components are present:

- Blukar LED Headlamp (2 units)
- USB-C Charging Cable (2 units)

2.2 Initial Charging

Your headlamp comes with a built-in 1200mAh rechargeable battery. For optimal performance, fully charge the headlamp before its first use.

1. Locate the USB-C charging port on the headlamp.
2. Connect the provided USB-C cable to the headlamp and a compatible USB power source (e.g., AC adapter, power bank, computer USB port).
3. The charging indicator light will show charging status (refer to product-specific LED indicator behavior, typically red for charging, green/blue for full).
4. Charging typically takes approximately 2-3 hours.

Figure 2: The headlamp features a built-in 1200mAh rechargeable battery for long-lasting use.
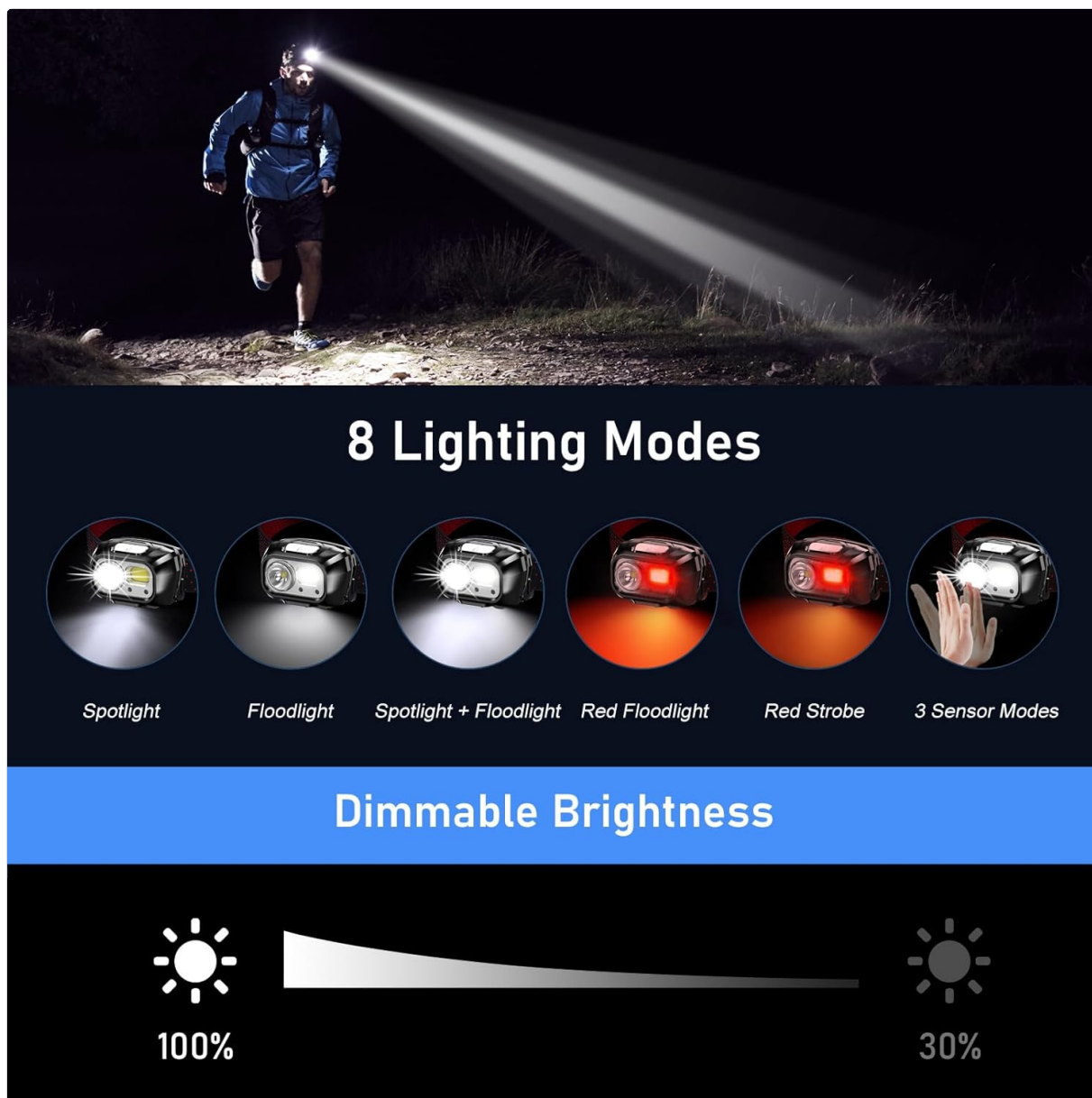
Figure 3: USB-C charging port for convenient and universal recharging.

2.3 Adjusting the Headband

The elastic headband is adjustable to fit various head sizes comfortably and securely.

- Place the headlamp on your head.
- Adjust the elastic strap using the buckle until it feels snug but not too tight.
- The headlamp unit can be tilted up to 45 degrees to direct light where needed.

Figure 4: Adjustable elastic headband for a comfortable and secure fit during activities.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

To turn the headlamp on or off, press the main power button located on the top of the unit.

3.2 Lighting Modes

The Blukar LED Headlamp features 8 distinct lighting modes, including 5 normal modes and 3 sensor modes. Press the main power button to cycle through the normal modes:

- **XPG White Light (Spotlight):** Provides a focused beam for long-distance illumination.
- **COB White Light (Floodlight):** Offers a wide, even spread of light for close-range tasks.
- **XPG + COB White Light (Spotlight + Floodlight):** Combines both lights for maximum brightness and coverage.
- **COB Red Light (Red Floodlight):** Ideal for preserving night vision and signaling.
- **COB Red Light SOS (Red Strobe):** A flashing red light for emergency signaling.

In any of these 5 normal modes, a short press of the switch button will turn off the light directly.
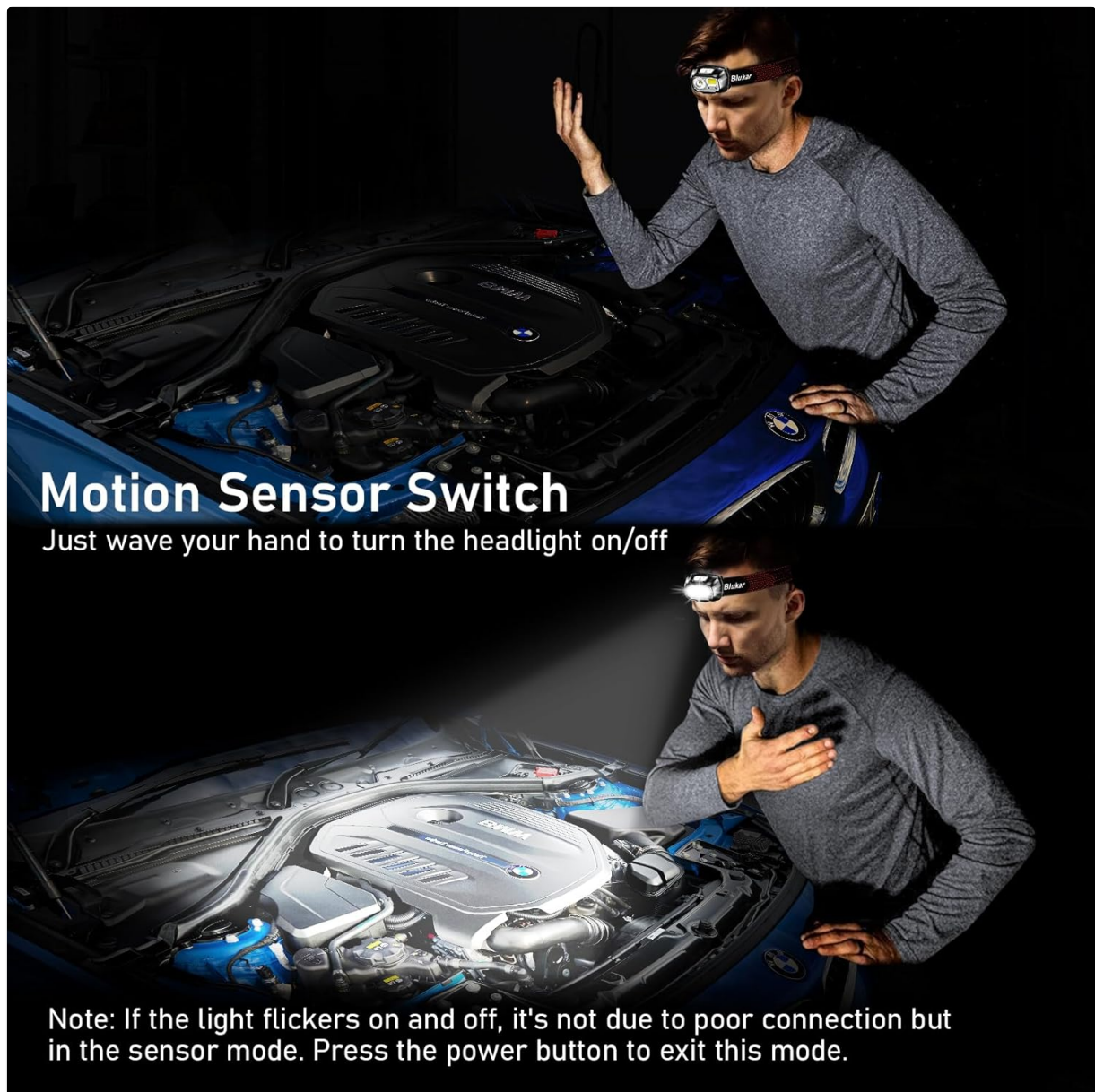
Figure 5: Visual representation of the 8 lighting modes available on the headlamp.

3.3 Dimmable Brightness

For adjustable brightness, use the continuous dimming function:

- While in any white light mode, long press the main power button.
- The brightness will cycle from 100% down to 30% and back up. Release the button at your desired brightness level.

Figure 6: Long press the power button to adjust brightness from 100% to 30%.

3.4 Motion Sensor Function

The headlamp features a motion sensor for hands-free operation. Press the dedicated sensor button (often marked with a wave icon) to activate sensor mode. The indicator light will typically turn blue to confirm activation.

- **Sensor Modes:** XPG white light, COB white light, XPG+COB white light. Cycle through these by short pressing the main power button while in sensor mode.
- **Activate/Deactivate:** In sensor mode, wave your hand within 15 cm (approximately 6 inches) in front of the headlamp to turn the light on or off.
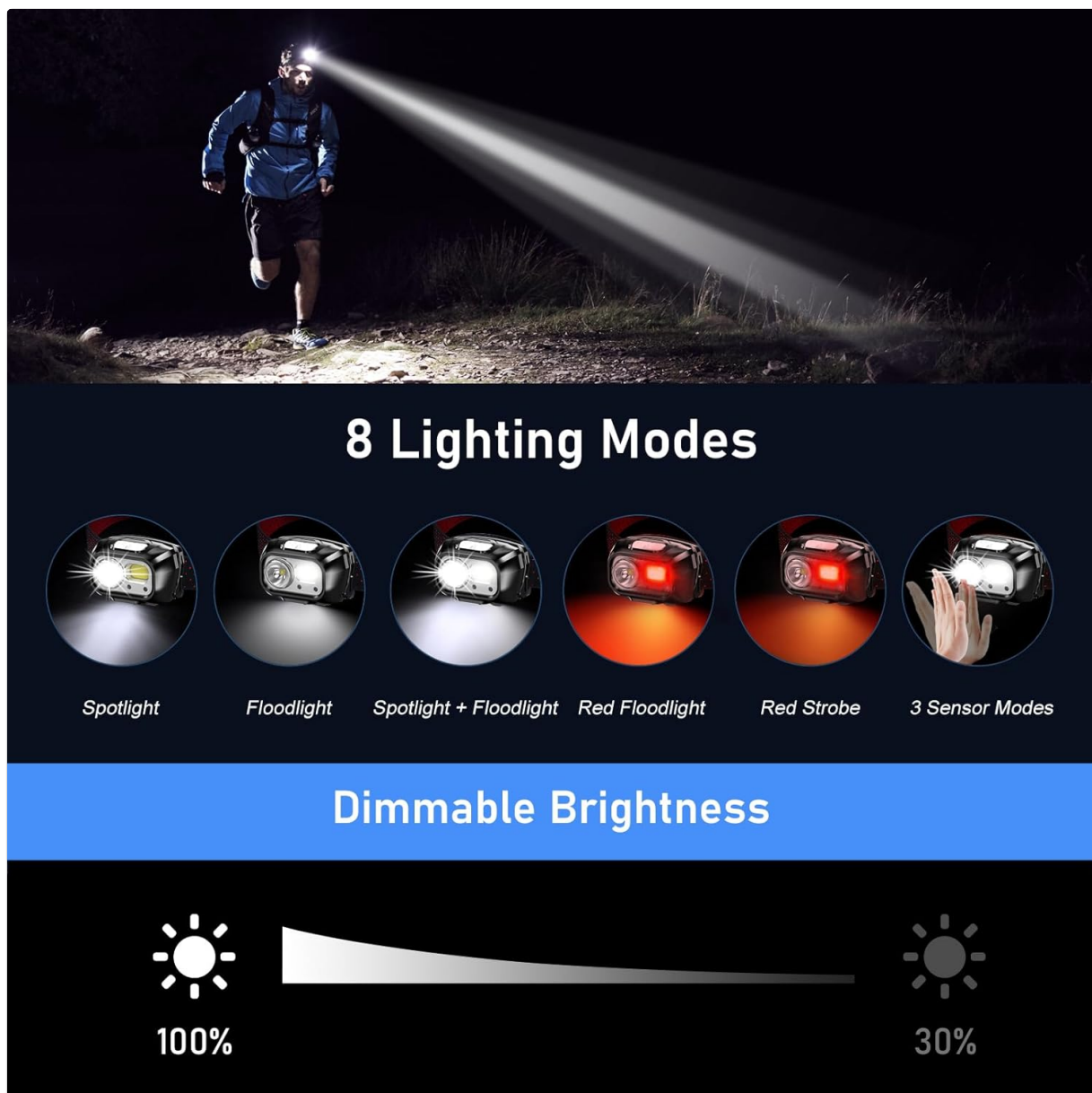
Figure 7: Wave your hand within 15 cm to control the headlamp in sensor mode.

Video 1: Demonstration of Blukar LED Headlamp features, including motion sensor and various lighting modes.

Video 2: Overview of the Blukar LED Headlamp's functionality and bright illumination.

4. Maintenance

4.1 Cleaning

- Wipe the headlamp body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- The elastic headband is detachable and washable. Hand wash with mild soap and water, then air dry.

4.2 Storage

- Store the headlamp in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, charge the battery every 3-6 months to maintain battery health.

4.3 Battery Care

- Avoid fully discharging the battery frequently.
- Use only the provided USB-C cable or a certified equivalent for charging.

5. TROUBLESHOOTING

Issue	Possible Cause	Solution
Headlamp does not turn on.	Low or depleted battery.	Charge the headlamp fully using the provided USB-C cable.
Light flickers or turns off unexpectedly in sensor mode.	Accidental activation/deactivation of motion sensor.	Press the main power button to exit sensor mode and use normal lighting modes.
Brightness is too low.	Battery is low or brightness is dimmed.	Recharge the battery. Long press the power button to adjust brightness to 100%.
Headlamp not charging.	Faulty cable or power source.	Try a different USB-C cable or power adapter. Ensure connections are secure.

6. SPECIFICATIONS

Feature	Detail
Brand	Blukar
Model	K9125
Light Source Type	LED (XPG & COB)
White Brightness	2000 Lumens
Battery Capacity	1200mAh Lithium Polymer
Power Source	Battery Powered (USB-C Rechargeable)
Runtime	Up to 20 hours
Water Resistance	IPX5 Waterproof
Special Features	Super Bright, Sensor Control, Spotlight & Floodlight, 8 Lighting Modes, Dimmable Brightness, Ultra-Light & Comfortable
Material	ABS
Product Dimensions	2.44"D x 1.72"W x 1.4"H
Item Weight	172 Grams (6.1 ounces)

7. WARRANTY AND SUPPORT

Blukar products are manufactured to high-quality standards. For information regarding warranty coverage, returns, or technical support, please refer to the product packaging or contact Blukar customer service

directly through the retailer where the product was purchased.

For further assistance, please visit the official Blukar store or contact their support team.